

CHAPTER VIII—PUBLIC WORKS, ELECTRICAL AND ROAD TRANSPORT DEPARTMENTS.

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(i) Public Works

920. Three new Sanitary Divisions at Davangere, Mysore and Bangalore were formed during the year for the execution of several urban water supply schemes.

921. A separate sub-division was sanctioned with headquarters at Hospet for improving roads in the sugar-cane growing areas round about Hospet.

922. New Sub-Divisions were sanctioned for the following works:—

- (i) Construction of Agricultural College at Hebbal.
- (ii) Constructoin of pucca Ghat at Benares.
- (iii) Construction of Sericultural building at Channapatna.

923. Enhanced powers were delegated to the Chief Engineer to accord administrative approval to building works costing not more than rupees one lakh in each case, after obtaining the counter signature and concurrence of the concerned head of the department to the estimates and plans.

924. Enhanced powers were delegated to the Chief Engineer to make purchases of materials covered by the Stores Purchase Committee rate contract, subject to certain conditions.

925. The final grant for the year under all heads amounted to Rs. 10,40,66,197 against which an outlay of Rs. 11,68,35,052 was incurred, including the expenditure on contribution works, District Board Works, etc.

926. The scheme of settlement for rehabilitation of Ex-servicemen started at Rathnapur, Hunsur Taluk, during 1954-55 functioned satisfactorily during the year.

Land
Colonisation
Scheme of
Ex-Servicemen.

927. The construction of the Depressed Class Students' Hostel at Nanjangud and at Krishnamurthypuram, Mysore, in connection with Harijan Welfare Scheme, was under progress during the year.

Upliftment
of Depressed
Classes

928. The construction of Malaria Health Training Centre building at Mandya at a cost of Rs. 3.58 lakhs was under progress.

Malaria
Health
Training
Centre
Building at
Mandya.

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**National
Highways.**

929. Under National Highways, a total length of 311 miles and 5½ furlongs of roads in the State was maintained satisfactorily during the year. For original works on National Highways such as widening culverts, etc., a grant of Rs. 17,04,000 was sanctioned and an outlay of Rs. 17,44,628 was incurred. The Works were undertaken as per the programme approved by the Government of India.

**Cement
concreting of
roads.**

930. The final grant for the year for cement concreting of roads was Rs. 23,54,000 against which an outlay of Rs. 20,76,725 was incurred.

931. A length of 16 miles and 7½ furlongs of roads was cement concreted.

**Asphalting of
roads.**

932. The final grant for the year under this head was Rs. 85,55,900 against which an outlay of Rs. 82,69,052 was incurred. A length of 656 miles and four furlongs of roads was asphalted during the year.

933. In connection with the development of roads in Mysore, the Government of India have accepted a scheme of improvement of the following six roads at a cost of Rs. 65,75,307, the Central Government share being fixed at Rs. 52,61,046:—

- 1 Bangalore-Mangalore road.
- 2 Mysore-Bandipur road.
- 3 Mysore-Frazerpet road.
- 4 Bangalore-Honnavar road.
- 5 Anandapuram to Talaguppa.
- 6 Hiriur-Bellary road.

**Malnad
Improvement
Works.**

934. A programme of Malnad Improvement Works for Rs. 9.46 lakhs was approved for laying small roads and constructing bridges in malnad parts. An expenditure of Rs. 8,88,017 was incurred during the year.

**Water
Supply and
Drainage
Schemes.**

935. The total number of water supply schemes so far technically sanctioned was 54. Sixty works were in progress. An expenditure of Rs. 95,95,450 had been incurred on these works up to end of March 1956.

936. Out of 23 Drainage Schemes contemplated to be taken up, 17 works were in progress during the year. A total outlay of Rs. 14,24,125 was incurred on these works up to end of March 1956.

**Bangalore
Water Supply.**

937. Bangalore with its salubrious climate and central situation has become one of the most important cities of

India. The urgent need to improve water supply to meet the ever growing demands due to the establishment of a number of factories of national importance which have contributed to a remarkable growth of the city in recent years, was engaging the attention of the Government for some years past. A detailed estimate costing Rs. 69.00 lakhs was sanctioned in March 1956, to improve the water supply to Bangalore.

938. There were 23 (16) well-boring drills working during the year. Out of 65 bore-wells completed during the year, only 57 were working satisfactorily yielding 600 to 6,000 gallons of water per hour. Further, bore-wells have been selected as main sources of water supply in the various rural areas, which have been included in the National Water Supply Scheme. Drills.

939. The Office of the Government Architect and Town Planning Officer had been working as an integral part and as one of the units of the Office of the Chief Engineer of Mysore. Architectural Section.

940. " Vidhana Soudha " (Houses of Legislature) the mammoth edifice in granite comprising four floors with an additional cellar floor in the southern wing, was nearing completion during the year. It is rectangular in plan measuring 700 feet north to south and 350 feet east to west with two patios each measuring 230 square feet. This building has a total plinth area of 1,32,400 sq. ft. and a total floor area of 5,20,000 sq. ft. It is therefore the biggest building of its kind in South India.

941. Another building of importance is the Office of the Accountant General in Mysore, Bangalore, designed and executed for the Central Government by the Public Works Department of Mysore, has been completed.

942. Design work for the construction of a New Legislators' Home to provide living accommodation to the Legislators in Bangalore during the sessions had been taken up. This will be an imposing building providing all the modern amenities to the Legislators.

943. To meet urgent and pressing need to provide buildings for schools all over the State, cheaper designs had been evolved for the construction of four room, six room

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—
The Five-
Year Plan.

Irrigation and
Power.

The Mysore
Engineering
Research
Station,
Krishna-
rajasagar.

and eight room Low Cost School buildings without sacrificing either the æsthetic appearance or the utility of the buildings.

944. The activities of the Public Works Department in respect of the Five-Year Plan consists of Major Irrigation Works under "Irrigation and Power", Minor Irrigation Works under "Agriculture" and Road and Bridge works under "Road Transport".

945. Thirty-five major and medium works were proposed under Irrigation and Power, including the major projects of Bhadra Reservoir, Tunga Anicut and Nugu Reservoir. The original target of expenditure for the first five years in respect of the schemes was Rs. 716.00 lakhs. This was subsequently revised to Rs. 1,159.00 lakhs mainly on account of the need for rapidly pushing through the Bhadra and Nugu Reservoir Schemes.

946. The two old major works of the First Five-Year Plan, *viz.*, Vedavathi Anicut and Kariyala tank, have been included in the Second Five-Year Plan and they were in progress.

947. Under Malnad Development, the plan target was Rs. 35.00 lakhs. The expenditure shown above is inclusive of the works taken up in the Malnad districts of Shimoga, Chickmagalur and parts of Hassan and Mysore.

948. The revenue realised under Civil Works during the year amounted to Rs. 63,67,382.

949. The Mysore Engineering Research Station which was reorganised with a view to broaden the scope of its activities continued to function as the Research Wing of the Public Works Department directly under the control of the Chief Engineer.

(ii) Major Irrigation Works.

950. The important irrigation works under the jurisdiction of the Special Chief Engineer were:—(1) The Bhadra Project, (2) The Tunga Anicut Works, (3) The Nugu Reservoir Works, (4) The Ambligola Project, (5) Development of irrigation under Tungabhadra Project in Mysore area, and (6) The Sharavathy Valley Hydro-Electric Project-Civil Engineering Works.